



链滴

用 JS 实现 excel 预览

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原文链接: <https://ld246.com/article/1596692439546>

来源网站: [链滴](#)

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这次为大家分享的是，如何用js写出excel文件的预览。

他方便了pc用户和手机端用户可以无需下载，并且直接在线预览excel文件。

因为excel转html的显示用的是第三方开源库的代码，所以实现上有所限制。具体请参见 [所用到开源库](#) 这些库的说明。

支持

多sheet显示
合并后的单元格显示
手机画面优化

不支持

图片显示
链接，文字样式等

效果图

PC:

The screenshot shows a Kintone application interface. At the top, there's a yellow header bar with the Kintone logo and the word 'kintone'. To the right of the logo is the user name 'Administrator'. Below the header is a dark grey navigation bar with icons for three, home, bell, star, settings, help, and code editor. To the right of the navigation bar is a search bar labeled '应用内搜索' (Search within app) with a magnifying glass icon. On the far right of the navigation bar is a dropdown arrow.

The main content area has a light grey header with the text 'excel预览插件' (Excel Preview Plugin). Below the header, there's a breadcrumb navigation: '应用: excel预览插件 > 列表: (全部) > 记录: 1'. On the right side of the header, there are several action buttons: a plus sign (+), a pencil (edit), a file (view), a gear (settings), and three dots (...).

The main content area contains a single record. It includes sections for '单行文本框' (Single-line text box) with an empty input field, a '回复一下吧...' (Reply here...) button with a speech bubble icon, and a '附件' (Attachments) section. The attachments listed are 'kf (2) (2).xlsx (10 KB)', 'kf (6) (2).xlsx (40 KB)', and 'book.svg (345 bytes)'. There are also '回复一下吧...' and '暂无回复.' (No replies yet) buttons next to the attachments.

Below the attachments, there's another '附件' (Attachments) section containing a single item: 'demo环境介绍.pptx (2 MB)'. At the bottom of the content area is a large empty input field.

手机:

应用: [excel预览插件](#) >

1

内容 回复 (0) 历史记录

单行文本框

附件

[kf \(2\) \(2\).xlsx](#) (10 KB) [Q](#)
[kf \(6\) \(2\).xlsx](#) (40 KB) [Q](#)
[book.svg](#) (345 bytes)

附件

[demo环境介绍.pptx](#) (2 MB)

附件

示例代码

所用到开源的库

js:

jQuery: <https://js.cybozu.cn/jquery/3.4.1/jquery.min.js>

sheetjs (js-xlsx): <https://github.com/SheetJS/sheetjs>

bootstrap: <https://github.com/twbs/bootstrap>

CSS:

<https://github.com/FortAwesome/Font-Awesome>

<https://github.com/keaukraine/bootstrap4-fs-modal> (mobile端)

代码

判断是否为excel文件

```

function checkXls(file) {
    let reg = /\.\xl\{[xmb]\}|t\{xm\}|am\{s\}/g;
    return reg.test(file);
}

```

加载模态框，显示加载画面，添加预览图标

```

function loadModal(fileInfo) {
    let previewElement;
    jQuery(".file-image-container-gaia").each(function (i, e) {
        let fileName = jQuery(e).children("a:eq(0)").text();
        if (fileName == fileInfo.name && jQuery(e).children("button").length == 0) {
            previewElement = jQuery(e);
            return false;
        }
    });
    if (!previewElement) return;
    let modalId = 'myModal' + fileInfo.fileKey;
    let tabId = 'myTab' + fileInfo.fileKey;
    let tabContentId = 'tab-content' + fileInfo.fileKey;
    let $button = $('<button type="button" class="btn btn-default" data-toggle="modal" data-target="#' + modalId + '"><span class="fa fa-search"></span></button>');
    let myModal =
        '<style type="text/css">td{word-break: keep-all;white-space:nowrap;}</style>' +
        '<div class="modal fade tab-pane active" id="' + modalId + '" tabindex="-1" role="dialog" aria-labelledby="myModalLabel">' +
        '<div class="modal-dialog modal-xl" style="border-radius:5px" role="document">' +
        '<div class="modal-content">' +
        '<div class="modal-header">' +
        '<h5 class="modal-title">' + fileInfo.name + '</h5>' +
        '<button type="button" class="close" data-dismiss="modal" aria-label="Close">' +
        '<span aria-hidden="true">&times;</span>' +
        '</button>' +
        '</div>' +
        '<ul class="nav nav-tabs" id=' + tabId + '>' +
        '</ul>' +
        '<div id=' + tabContentId + ' class="tab-content">' +
        '<div class="d-flex justify-content-center">' +
        '<div class="spinner-border" role="status">' +
        '<span class="sr-only">Loading...</span>' +
        '</div>' +
        '</div>' +
        '</div>' +
        '<div class="modal-footer">' +
        '<button type="button" class="btn btn-secondary" data-dismiss="modal">关闭</button>' +
        '</div>' +
        '</div>' +
        '</div>' +
        '</div>';
    previewElement.append($button);
    $('body').prependmyModal();
    $('#' + modalId).on('shown.bs.modal', function (e) {
        loadRemoteFile(fileInfo);
    });
}

```

```
    })  
}
```

下载文件并加载到模态框中

```
function readWorkbookFromRemoteFile(url, callback) {  
    let xhr = new XMLHttpRequest();  
    xhr.open('get', url, true);  
    xhr.setRequestHeader('X-Requested-With', 'XMLHttpRequest');  
    xhr.responseType = 'arraybuffer';  
    xhr.onload = function (e) {  
        if (xhr.status == 200) {  
            let data = new Uint8Array(xhr.response)  
            let workbook = XLSX.read(data, { type: 'array' });  
            if (callback) callback(workbook);  
        }  
    };  
    xhr.send();  
}  
function readWorkbook(workbook, fileInfo) {  
    let sheetNames = workbook.SheetNames;  
    let navHtml = '';  
    let tabHtml = '';  
    let myTabId = 'myTab' + fileInfo.fileKey;  
    let tabContentId = 'tab-content' + fileInfo.fileKey;  
    for (let index = 0; index < sheetNames.length; index++) {  
        let sheetName = sheetNames[index];  
        let worksheet = workbook.Sheets[sheetName];  
        let sheetHtml = XLSX.utils.sheet_to_html(worksheet);  
        let tabid = "tab" + fileInfo.fileKey + "-" + index;  
        let xlsid = "xlsid" + fileInfo.fileKey + "-" + index;  
        let active = index == 0 ? "active" : '';  
        navHtml += '<li class="nav-item"><a class="nav-link ' + active + '" href="#" data-ta  
get="#' + tabid + '" data-toggle="tab">' + sheetName + '</a></li>;  
        tabHtml += '<div id="' + tabid + '" class="tab-pane ' + active + '" style="padding:10  
x;overflow:auto;height:600px" >' +  
            '<div id="' + xlsid + '">' + sheetHtml + ' </div></div>;  
    }  
    jQuery("#" + myTabId).html(navHtml);  
    jQuery("#" + tabContentId).html(tabHtml);  
    jQuery("#" + tabContentId + ' table').addClass("table table-bordered table-hover");  
}  
function loadRemoteFile(fileInfo) {  
    let fileUrl = '/k/v1/file.json?fileKey=' + fileInfo.fileKey;  
    readWorkbookFromRemoteFile(fileUrl, function (workbook) {  
        readWorkbook(workbook, fileInfo);  
    });  
}
```

具体的mobile优化等等详细代码请参考完整文章：

[kintone excel预览插件](#)

更多文章和演示：[Kintone demo环境](#)